



Sheet 1 of 1

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTORNEY DOCKET NO. 1793.1160 | APPLICATION NO. 10/748,105 |
| | FIRST NAMED INVENTOR Seung-nyung CHUNG et al. | |
| | FILING DATE December 31, 2003 | GROUP ART UNIT 2644 |
| | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|------|------|-------|---------------|----------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | TRANSLATION YES NO | | ABSTRACT |
|----|----|-----------------|------------|---------|-----------------------|---|----------|
| HV | AG | 2000-0047589 | 07/25/2000 | Korea | | X | No |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | TRANSLATION YES NO | |
|----|----|--|-----------------------|--|
| HV | AM | CHEN et al., "An N-Best Candidates-Based Discriminative Training for Speech Recognition Applications," IEEE Transactions on Speech and Audio Processing, Vol. 2, No. 1, pp. 206-216, January 1994. | | |

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|---|----------------------------|
| EXAMINER Huyen X. Vo | DATE CONSIDERED 4/28/07 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

APPLICATION NO.

1793.1160

10/748,105

FIRST NAMED INVENTOR

Seung-nyung CHUNG et al.

FILING DATE

GROUP ART UNIT

December 31, 2003

2644

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

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|---------------------|----|-----------------|------|------|-------|---------------|----------------|
| | AA | | | | | | |
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|----|----|-----------------|------------|---------|-----------------------|--|----------|
| HV | AG | 2001-0098262 | 11-08-2001 | Korea | | | X |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |

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TRANSLATION
YES NO

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|----|----|--|--|--|
| HV | AM | An N-Best Candidates-Based Discriminative Training for Speech Recognition Applications, Chen et al., IEEE Transactions on Speech and Audio Processing, Vol. 2, No. 1, pp. 206-216, January 2004. | | |
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EXAMINER

Huyen X. Vo

DATE CONSIDERED

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| | FIRST NAMED INVENTOR Seung-nyung CHUNG et al. | |
| | FILING DATE December 31, 2003 | GROUP ART UNIT 2644 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|---------|---------------|-------|---------------|----------------|
| HV | AA | 4,866,778 | 9/12/89 | Baker | 381 | 43 | |
| HV | AB | 5,329,609 | 7/12/94 | Sanada et al. | 395 | 2.6 | |
| HV | AC | 2002/0143544 | 10/3/02 | Gschwendtner | 704 | 260 | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | TRANSLATION YES NO | | ABSTRACT |
|----|----|-----------------|----------|---------|-----------------------|--|----------|
| HV | AG | EP 0 526 347 | 02/03/93 | Europe | X | | |
| HV | AH | EP 0 697 780 | 02/21/96 | Europe | X | | |
| HV | AI | WO 01/75555 | 10/11/01 | PCT | X | | |
| | AJ | | | | | | |
| | AK | | | | | | |
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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1793.1160 | APPLICATION NO. |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | FIRST NAMED INVENTOR Seung-nyung CHUNG et al. | |
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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|----------|----------------|-------|---------------|----------------|
| HV | AA | 4,866,778 | 09/12/89 | Baker | | | |
| | AB | 5,027,406 | 06/25/91 | Roberts et al. | | | |
| | AC | 5,884,258 | 03/16/99 | Rozak et al. | | | |
| | AD | 6,347,296 | 02/12/02 | Friedland | | | |
| HV | AE | 6,314,397 | 11/6/01 | Lewis et al. | | | |
| | AF | | | | | | |

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